

KUPICEK, Z.

A substitute schematic diagram for waveguides and the definition of wave resistance. p.16.
(Sdelovaci Technika. Vol. 5, no. 1, Jan. 1957. Czechoslovakia.)

SO: Monthly List of East European Accession (EEAL) LC. v ol. 6, no. 7, July 1957. Unclass.

✓
MEMORANDUM FOR THE DIRECTOR
SUBJECT: [Illegible]

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020002-0

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020002-0"

KUBICEK, Z.

"Measurements in the band of centimeter waves."

p. 219 (Sdelovaci Technika, Vol. 6, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (FFAI) LC, Vol. 7, No. 9, September 1953.

9 (2, 3)

CZECH/14-59-12-18/41

AUTHOR: Kubiček, Zdeněk, Engineer

TITLE: Resonance and Resonators on UHF

PERIODICAL: Sdělovací technika, 1959, Nr 12, pp 465-469

ABSTRACT: The purpose of this article is, according to the author, to explain theoretically the acceptability of designing a substitute schematic for resonators, i.e. to express with the help of the concentrated parameters R,L,C the resonance properties of a circuit with spread-out parameters. On UHF it is common to use circuits with spread out parameters, these circuits having geometrical dimensions comparable with the wave length on which they resonate. Fig 1a, b, c, d illustrates the gradual transformation of the resonance circuit LC into a cavity resonator; Fig 1a shows the normal resonance circuit with the concentrated induction L and the capacity C; its resonance frequency is

$$f_0 = \frac{1}{2\pi\sqrt{LC}}$$

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The LC circuit will change into a cylindrical cavity

CZECH/14-59-12-18/41

Resonance and Resonators on UHF

resonator which does not radiate electromagnetic energy gathered inside. This transition will bring about a considerable increase in the resonance frequency. Using the resonance circuits LC or resonators, it is of paramount interest to know the frequency characteristics of impedance. For simple circuits RCL, these characteristics can be established through mathematical relations; the question is whether the characteristics of resonators can formally be established by the same relations with a view to designing a substitute schematic containing the equivalent values L_e R_e C_e , determining the properties of the resonators around some of its resonance frequencies. The electrically linear passive bipole is characterized on the input terminals by a certain impedance Z ; if a current I flows into this bipole and a voltage U is measured on the terminals, a certain energetic state of the bipole corresponds to these values. The output relative to the input impedance Z of the bipole will be:

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Resonance and Resonators on UHF

$$N = \frac{1}{2} UI^* = \frac{1}{2} UU^* \frac{1}{Z} = \frac{1}{2} ZII^* \text{ consequently}$$

$Z = \frac{2N}{II^*} = \frac{UU^*}{2N}$ U and I are the complex amplitudes of the voltage and of the current on the input; U* and I* are compound values. There is a mutual and non-equivocal relation between the output terminal values and the complex energy gathered in the circuit. With the second relation it is possible to establish the frequency course of the impedance. All the mentioned relations were used for bipoles composed of elements with concentrated parameters. However, the same calculations, the author writes, are equally valid for bipoles with spread-out parameters. In order to be able to use for resonators substitute schematics similar to those of the RCL circuit, it is necessary for the resonators to have in the band around the analyzed resonance similar characteristics to those of the RLC

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Resonance and Resonators on UHF

circuit. Further, the author speaks of Foster's theorem; the substitute schematic of a common bipole with low idleness is in Fig 4ab. Fig 11ab shows the substitute schematic of a resonator with a connected section of the network. Illustrated is also a simple measuring instrument for measuring the resonance cavity (Fig 12), Smith's impedance diagram (Fig 13) and the course of the resonator's impedance in parallel and serial connection (Fig 14ab). Concluding, the author emphasizes that it is impossible to treat this subject in one article and recommends the literature referred to to the readers. According to him, the problem of circuits with concentrated parameters is but a simplified case of the theory of the electromagnetic field. There are 14 circuit diagrams, 7 diagrams, 4 graphs and 11 references, 6 of which are Czech, 2 Soviet, 2 US and 1 East-German.

Card 4/4

KUBIOELA, A. D.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 4, 1960, pp 91-94.

Data: "Appearance of the Chromosphere During the Solar Eclipse."

/1

KUBICSLA, A.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 4, 1960, pp 101-103.

Data: "Timetable Planning During the Total Eclipse on February 15, 1961."

-10

KUBICELA, A. Dj.

SURNAMES (in caps); Given Names

Country: Yugoslavia

Academic Degrees: / not given /

Affiliation: / not given /

Source: Belgrade, Vasiona, No 4, 1960, pp 123-124.

Data: "Astronomical Events During the Months of April, May, and June, 1960."

KUBICELA, A.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 1, 1961, p. 30.

Data: "Chromospheric Flash on Feb. 15, 1961."

77

KIBICELA, A. Dj.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: / not given /

Affiliation: / not given /

Source: Belgrade, Yasiona, No 1, 1961, pp 30-32.

Data: "Astronomic Events during the Months of July, August and September, 1961."

JL

KUBICELA, Petar
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 4, 1960, pp 85-88.

Data: "Development of the Photography of the Sun and its Use during
Eclipses."

KUBICELA, Petar
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: Astronomical Society "Rudjer Boskovic" (Astronomsko drustvo
"Rudjer Boskovic")

Source: Belgrade, Vasiona, No 1, 1961, pp 5-6.

Data: "The Team of the Astronomical Society "Rudjer Boskovic" on
[the Island of] Hvar."

S/035/62/000/005/007/098
A055/A101

AUTHOR: Kubicela, Petar

TITLE: Expedition of the Astronomical society "Ruzher Boshkovich" to the island Hvar

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 5, 1962, 6, abstract 5A26 ("Vasiona", 1961, 9, no. 1, 5 - 6, Serbo-Croatian)

TEXT: Short description of the achievements of an amateur-expedition to the island Hvar, organized by the Astronomical society "Ruzher Boshkovich" (Yugoslavia) for the observation of the total solar eclipse of February 15, 1961. The successive phases of the eclipse and the solar corona were photographed with the aid of a camera mounted on a 55 mm-refracting telescope, with automatic recording of the contact moments and of the exposure time.

M. O.

[Abstracter's note: Complete translation]

Card 1/1

BLONH, G.S.; RUMNITSKAYA, R.I.; KUBICH, A.V.

Effect of the volumetric weight of asbestos cement on its resistance
to frost. Trudy NIIAsbesttsementa no.17:9-13 '63.

(MIRA 17:10)

KUBICKA, Alina; BOBER, Antoni

A case of multiple congenital malformations in a newborn infant. Wlad. lek. 18 no.8:707-709 15 Ap '65.

1. Z I Kliniki Poloznictwa i Chorob Kobietych Slaskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. M. Glowinski) i z Zakladu Anat. Pat. Slaskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. W. Niepolomski).

KUBICKA, H.
 POLAND/Physical Chemistry - Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B-9

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24244

Author : Trzebiatowski, W., Kubicka, H.

Inst : Polish Academy of Sciences.

Title : The Magnetic Properties of Platinum Catalysts with Gamma-Al₂O₃ Carrier.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl.3, 5, No 4, 429-430, XXXIV

Abstract : Magnetic susceptibility (χ) of Pt-catalysts deposited on gamma-Al₂O₃ (0.2-4.1% by weight of Pt, corresponding to a degree of filling (α) of carrier surface with platinum, of 0.0015-0.03), measured by the method of Gui [transliterated] at a field intensity (H) of 2770-15560 oersts and temperatures of 80-300° K, is practically

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POLAND/Physical Chemistry - Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B-9
 "APPROVED FOR RELEASE: 03/13/2001" CIA-RDP86-00513R000827020002-0"

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24244

not dependent on H and temperature. Values of χ correspond to additive quantities calculated on the basis of χ -values for pure gamma-Al₂O₃ and massive Pt. The authors point out that within the investigated interval of α they did not detect any anomalous magnetic properties of Pt (increase of χ on decrease of α), contrary to the previously published data of Kobozev N. I. (Zh. fiz. khimii, 1952, 26, 1349).

Card 2/2

KUBICKA, H.

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 31, No. 2, 1957

KUBICKA, H. Structure and magnetic properties of palladium catalysts with γ -Al₂O₃ as carrier. p.497

Monthly List of East European Accessions (EEAI) LC Vol. 8, No 4
April 1959, Unclass

KUBICKA, H

POLAND/Physical Chemistry. Kinetics. Combustion. Explosives. B
Topochemistry. Catalysis.

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73329.

Author : Wlodzimierz Trzebiatowski, Helena Kubicka.

Inst :

Title : Structure and Magnetic Susceptibility of Platinum
Contacts Fixed on γ -Al₂O₃.

Orig Pub: Roczn. chem., 1958, 32, No 1, 3-15.

Abstract: The structure of Pt contacts with various metal
contents fixed on γ -Al₂O₃ was studied. Their
magnetic susceptibility, crystalline structure
and catalytic activity with reference to C₆H₆
hydrogenation were determined.

Card : 1/1

TSHEBYATOVSKIY, V. [Trzebiatowski, H.]; ~~KUBITSKIY, G.~~ [Kubička, H.]

Existence of superparamagnetism in dilute metallic layers. Zhur. fiz. khim. 35 no.3:682-683 Mr '61. (MIRA 14:3)

1. Pol'skaya Akadamiya nauk, Institut fizicheskoy khimii Vrotslqv.
(Magnetism) (Palladium) (Platinum)

KUBICKA, Jaroslav

New regulations on housebuilding by cooperatives and individuals.
Poz stavby 13 no.1:42 '65.

1. Ministry of Building, Prague.

PREROVSKY, K; KUBICKA, J; SANTROCH, J.

Effect of intravenous injections of novocaine in chronic
arthritis. Cas. lek. cesk. 89 no. 38:1045-1051 22 Sept. 1950.
(CML 20:1)

1. Of the Rheumatic Department (Head—Prof. K. Prerovski, M. D.)
of the Hospital in Bulovce.

KOS, M.;NAJMR, Z.;KUBICKA, J.

Ultrasonic therapy of *gynecological* diseases. *Cesk gyn.* 17 no.11-12:
627-634 1952. (CJML 23:4)

1. Of the Obstetric-Gynecological Department (Head--Docent J. Moudry,
M. D.) and of the Department of Physical Therapy (Head--Prof. Karel
Prerovsky, M.D.) of State District Hospital in Prague-Dulovka.

KUBICKA, Jiri, MUDr; VYKYDAL, Miroslav, MUDr

Remarks to the article by O.Dub, V.Volk and V.Jagos: Eosinophil count is not specific for adrenalin test. Cas.lek.cesk. 91 no.10: 304-305 7 Mar 52.

1. Z reumatologickeho oddeleni prof. MUDr K.Prerovskeho v st. obl. nemocnici na Bulovce.

(ADRENAL CORTEX, function test,
eosinophil count, specificity)

(EOSINOPHIL COUNT,
in adrenal test, specificity)

KUBICKA, Jiri, MUDr

Peloid waters. Fysiat. vest., Praha 32 no.4:114-122 July 54.

1. Ceskoslovenske statni lasno Trebon, primar Dr Kubicka.

(PEATS,

balneol. use of peat waters)

(BALNEOLOGY,

peat water ther.)

Excerpta Medica 1/2 sec 17 Feb 55 Pub. Health, Social Medicine & etc.

1022. KUBIČKA J., GROSS K. and TESAŘ J. Intern. Odd. - a prosektury Nem.,
Bulovka; Ost. soud. Lék., Praha, *VIII. Hromadné úmrtí po požití jedo-
vaté houby muchomůrky zelené. Collective poisoning after eat-
ing Amanita phalloides ČAS. LÉK. ČES. 1954, 93/4-5 (120-123) -
Illus. 3

Three persons were poisoned by an Amanita phalloides (Fr. ex Vaill. /Quél.).
The patients were treated with raw rabbit brains and stomachs but without suc-
cess. Laboratory tests and autopsy showed fatty liver (and not yellow dystrophy)
as the cause of death. Michalec - Prague (II, 4)

SONKA, J.; ZBIRKOVA, A.; KUBICKA, J.

The therapy of obesity by diet, fenmetrazin and muscular activity.
Acta univ. carol. [Med] no. 3:353-363 '61.

1. III interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik J. Charvat Katedra telesne vychovy University Karlovy, vedouci J. Kozak, Ceskoslovenske statni lazne, Trebon, reditel MUDr. J. Kubicka.

(OBESITY ther) (PHENMETRAZINE ther)
(EXERCISE THERAPY)

KUBICKA, PREROVSKY, K.

~~XXXXXXXXXX~~

Treatment of chronic articular rheumatism with adrenal cortex
extracts. Prakt. lek., Praha 31 no.17:382-383 5 Sep 1951.
(CIML 21:1)

1. Of the Rheumatological Department (Head -- Prof. K.
Prerovsky, M.D.) of the State District Hospital, Bulovka.

KUBICKA, Krystyna

A case of periodic hypoproteinemia with lowered levels of alkaline phosphatase. *Pediat. polska* 32 no.12:1388-1391 Dec 57.

1. Z II Kliniki Chorob Dzieciacych A. M. w Warszawie. Kierownik: prof. M. Michalowicz. Z-ca kierownika: prof. T. Lewenfisz-Wojnarowska.

(BLOOD PROTEINS, defic.

hypoproteinemia with lowered levels of alkaline phosphatase, case report (Pol))

(PHOSPHATASES, in blood

alkaline phosphatase, lowered levels in hypoproteinemia, case report (Pol))

KUBICKA, Krystyna; POPIELARSKA, Aniela

Friedreich's paralyoclonus multiplex in the light of two cases. Polski tygod. lek. 13 no.42:1640-1642 20 Oct 58.

1. (Z II Kliniki Pediatrycznej A. M. w Warszawie; kierownik: prof. dr med. Mieczyslaw Michalowicz) Adres: Warszawa, ul. Litewska 16.

(PARAMYOCLONUS MULTIPLIX, case reports
Friedreich's dis. (Pol))

JARZEBSKA, Danuta; KOSTRUBALA, Maria; KUBICKA, Krystyna; LESKIEWICZ, Wanda;
LAZOWSKI, Zygmunt; POLAKOWA, Irena

Further observations on the prevention of relapses of rheumatic disease
in children. Reumatologia Polska no.3:177-181 '60.

1. Z Poradni Reumatologicznej Instytutu Reumatologicznego w Warszawie
Dyrektor Instytutu: prof. dr med. E. Reicher Z Poradni Reumatologicznej przy II Klinice Chorob Dzieci AM w Warszawie p.o. Kierownika Kliniki: prof. dr med. T. Levenfisz-Wojnarowska
(RHEUMATIC FEVER prev & control)

LEWNFISZ-WOJNAROWSKA, Teofila; GORECKA, Maria; KUBICKA, Krystyna; POPIELARSKA, Aniela

Hematogram and myelogram in rheumatic disease in children. Reumatologia Polska no.3:243-251 '60.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof. dr med. Mieczysław Michałowicz Zastępca kierownika: prof. dr med. Teofila Lewnfisz-Wojnarowska

(RHEUMATIC FEVER blood)
(BONE MARROW pathol)
(BLOOD CELLS)

LEWENFISZ-WOJNAROWSKA, Teofila; KUBICKA, Krystyna; ZAORSKA, Barbara

Dermatomyositis in children according to own observations. *Pediat. polska* 35 no.2:137-150 P '60.

1. Z II Kliniki Pediatricznej A.M. w Warszawie. Kierownik: prof. dr.med. M. Michalowicz. Zastepca Kierownika: prof.dr.med. T. Lewenfisz-Wojnarowska.

(DERMATOMYOSITIS in inf.& child.)

JARZEBSKA, D.; KUBICKA, K.; BOHUSZEWICZ, H.

Clinical aspects of endocardial fibroelastosis. Kardiol. polska
4 no.4:301-309 '61.

1. Z II Kliniki Pediatrycznej AM w Warszawie Kierownik: prof. dr
T. Lewenfisz-Wojnarowska i z Pracowni Kardiologicznej PSK Nr 4
w Warszawie Kierownik: doc. dr. A.Chroscicki.
(ENDOCARDIAL FIBROELASTOSIS case reports)

LEWENFISZ-WOJNAROWSKA, Teofila; JABLONSKA, Stefania; KUBICKA, Krystyna

Lipo-atrophy according to our observations. *Pediat. pol.* 37 no.11:
1147-1155 '62.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof. dr med.
T. Lewenfisz-Wojnarowska.

(LIPODYSTROPHY)

LEWENFISZ-WOJNAROWSKA, Teofila; NIEDZWIECKA-NAMYSLOWSKA, Izabella;
KUBICKA, Krystyna

Immunoelectrophoresis in acute rheumatic disease in children.
(Preliminary communication). Reumatologia (Warsz.) 1 no.3-4:
195-201 '63.

1. Z II Kliniki Pediatricznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr T. Lewenfisz-Wojnarowska) i z Instytutu
Reumatologii w Warszawie (Dyrektor: dr med. W. Bruhl).

LEWENFISZ-WOJNAROWSKA, Teofila; KUBICKA, Krystyna

Polymyositis in chronic rheumatism (polymyositis rheumatoidea).
Pediat. pol. 38 no.3:317-326 '63.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof.
dr med. T. Lewenfisz-Wojnarowska.
(MYOSITIS) (ARTHRITIS, JUVENILE RHEUMATOID)

GRZYBOWSKA, J.; JARZEBKA, D.; KUBICKA, K.

Paroxysmal tachycardia in children. Kardiol. Pol. 7 no.4:281-285
'64

1. Z II Kliniki Pediatrycznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. T. Lewonfisz-Kojnarowska).

LEWENFISZ-WOJNAROWSKA, Teofila; HAUSMANOWA-PETRUSEWICZ, Irena; KUBICKA,
Krystyna; GAWLIK, Zbigniew; KAPUSCINSKA-CZERSKA, Wanda; EMERYK,
Barbara

Skeletal muscle changes in rheumatic disease in children according
to bioptic and electromyographic data. Reumatologia (Warsz.) 2
no.1:31-46 '64.

1. Z II Kliniki Pediatricznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr med. T. Lewenfisz-Wojnarowska) z Kliniki
Neurologicznej Akademii Medycznej w Warszawie (Kierownik: prof.
dr med. I. Hausmanowa-Petrusewicz) i Akademii Medycznej w
Warszawie (p.o. kierownika: doc. dr med. R. Walentynowicz-
Stanczykowa).

LEWENFISZ-WOJNAROWSKA, Teofila; CHROSCICKI, Antoni; ORZYBOWSKA, Josefa;
JARZEBSKA, Danuta; KUBICKA, Krystyna

Circulatory function tests in mitral stenosis in children.
Reumatologia (Warsz.) 3 no.3:231-236 '65.

1. Z II Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.
dr. med. T. Lewenfisz-Wojnarowska) i z Kliniki Chirurgii
Dziecięcej AM w Warszawie (Kierownik: prof. dr. med. J. Kossa-
kowski).

ACC NR: AP6031815

SOURCE CODE: CZ/0083/65/000/005/0303/0313

AUTHOR: Kubicka, L.--Kubichka, L.; Dytrych, Z.--Dytrykh, Z.; Grof, S.; Srnec, J.--
Srnets, I.

ORG: Psychiatric Research Institute, Prague (Vyzkumny ustav psychiatricky)

TITLE: Development of interpersonal relations in a group of hospitalized neurotics.
Part I. Relationship between neurotic symptoms and interpersonal situation

SOURCE: Ceskoslovenska psychiatrie, no. 5, 1965, 303-313

TOPIC TAGS: psychoneurotic disorder, psychology, psychotherapy, psychiatry

ABSTRACT: Study of 9 women and 9 men, all severe neurotics admitted for 5 weeks hospitalization, with very strict and detailed observation and questionnaire analysis. Initial severity of the neurotic symptoms had no apparent bearing on the attitudes of other patients toward the newcomer, but this attitude did have a very strong effect on the evolution of the neurosis; friendly or submissive attitude of the environment decreased symptoms markedly, whereas hostility of the other patients made the symptoms more severe. The authors thank Doctor of medicine F. Hajek for his cooperation in this work. Orig. art. has: 5 tables. [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 002

Card 1/1 MLP

0919 0563

KUBICKA, L.; DYTRYCH, Z.; GROF, S.; SRNEC, J.

Studies of interpersonal relations in a group of hospitalized
neurotic patients. Pt.1. Cesk. psychiat. 61 no.5:303-313
O '65.

1. Vyzkumny ustav psychiatricky v Praze.

DMOCHOWSKI, Antoni; KLYSZEJKO, Leokadia; KUBICKA, Liliana

Preliminary electrophoretic analysis of ox pancreas
histones on starch gel. Nauki matem przyrod Lodz
no.13:31-36 '62.

1. Katedra Biochemii, Uniwersytet, Lodz.

KUBICKA, Ladek; KUBICKOVA, Zdenka

Studies on social role of adolescent girls in schools. Cesk.
psychiat.56 no.4:240-249 Ag'60.

1. Pedopsychiatricke odd. Fakultni polikliniky v Praze.
(ADOLESCENCE psychol)

WOLF, E.; DYTRYCH, Z.; GROF, S.; KUBICKA, L.; SREVEC, J.

On the method of evaluating social maladaptation. Mutual
social perception inventory. Cesk. psychiat. 60 no.1:
34-36 F'64.

*

KUBICKA, H.

Reject

Phenol extraction from waste waters by the Phenolsolvan process. R. Kubicka. *Chem. Průmysl* 3(28), 308-10(1953). Experiences with the Phenolsolvan process are discussed and summarized. The rate of phenol extrn. is detd. by the following factors: the efficiency of the extg. equipment (a countercurrent 7-step chamber extractor or screen extg. columns are suggested); low phenol content in the circulating Phenolsolvan; the pH of phenol-contg. waters to be extrd. where free NH_3 must be bound as carbonate; and diln. of the circulating Phenolsolvan by ketones and hydrocarbons, which should be prevented. L. A. H.

VO 2255. DEGENERATION OF MATERS BY THE AMERIGOLVAN METHOD.
Rubicko, R. (Voin Mater, Czechoslovakia), 1971, 111, 100-102, 10 figs.
In Ref. 22, Khim. (Ref. J. Chem. Moscow, USSR), 1971, 1, 100-102. Also with
multi-stage extractors and columns is described. Given is the best
number of stages.

✓
CH Mycoicidal effects of phenol waste products. Petr Erben
and Rudolf Kubicka (SMP, KVV, Prague). *Czechoslov.
hyg., epidemiol., microbial., immunol.* 4, 312-17(1955).
Waste products from low-temp. carbonization of lignite
were tested on *Candida albicans* and *Penicillium axilligis*.
The 1st fraction, distg. between 150 and 245.5° at atm. pres-
sure, contained alkylphenols and 33.1% pyrocatechol deriva-
tives and was most effective, showing mycostatic activity (I)
at a diln. of 1:2560-8120 and mycoicidal activity (II) at a
diln. of 1:1280-2560. Pure compds. showed much lower
activities, synthetic 4-tert-butylpyrocatechol being the most
potent with I 1:1280-2560 and II 1:640-1280. L. J. U.

① MST

KUBICKA, R.

KUBICKA, R. Purification of phenolic waste water in the processing of lignite. . . 277.

Vol. 5, No. 3, Aug. 1955

VCLNI HCSPCLARSTVI

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

KUBICKA, K

Distr: 4E3d/4E2c(j)

Catalytic low-temperature hydrogenation of brown-coal tars containing mono- and multivalent phenols and solid paraffins. Berlich Schnabel and Rudolf Kubička. Czech. 85,992, Oct. 15, 1958. The above procedure is carried out at 250-450° and 200-320 atm. with pure WS₂ or 25% WS₂ plus 3% NiS on a carrier contg. 72% Al₂O₃ in the presence of Al grains. Motor fuels and lower phenols are obtained.
L. J. Urbánek

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KUBICKA, R.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Application. Preparation of Water.
Waste Water.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64866

Author : Kubicka R

Inst :

Title : Dephenolization of Waste Waters of Coal-Tar
Chemical Plants

Orig Pub: Voda, 1956, 35, No 10, 302-305

Abstract: Purification of phenol WW by distillation with
steam and by extraction with benzene was studied.
A drawback to the first method is the incomplete-
ness of the elimination of phenol (P). The degree

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Application. Preparation of Water.
Waste Water.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64866

Abstract: of purification does not exceed 90%. The second
method, which it is proposed to use for the puri-
fication of phenol WW in Ostrav, is more effective.
If 1-2% pyridine or quinoline bases are added to
the benzene and if regenerated benzene containing
 ≤ 100 mg/l P is used, 95-99% of P can be elimi-
nated.

Card 2/2

1
Separation of phenols by selective extraction based on their different activity. Rudolf Kubicka. Czech. 86,908. Aug. 15, 1957. Extg. 21 P. 3. *2*
g. 8% NaOH, 33.1 g. m-cresol, and 33.1 g. p-cresol with 624 g. dephenolized tar fraction, b. 70-225°, contg. aromatic hydrocarbons 23.3, olefins 13.8, naphthenes 20.4, and paraffins 34.6% gives, via the Na cresolates in the upper layer, 28.5 g. of a mixt. of 46.6% m-cresol and 49.9% p-cresol and, in the lower aq. layer, 32.6 g. of a mixt. of 63.8% m-cresol and 44.9% p-cresol. Other examples deal with ligroine, Pr_2O , and various tar fractions. Within the range 0-90°, the temp. does not markedly affect the seph. *2*
L. J. Urbánek

111
Distri: 4E3d/4E2c(j)

JJ

Kubicka, R. Zb. Zeman

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3. - Treatment of
Solid Combustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12465.

Author : R. Kubicka, Zb. Zeman.

Inst : Not given.

Title : Pyridine Bases from Semicoking Products of Mostets Brown
Coal.

Orig Pub : Chem. prumysl., 1957, 7, No 4, 169 - 176.

Abstract : The contents of pyridine bases (PB) boiling at tempera-
tures up to 225° in the semicoke tar of the Mostets brown
coal are 315 to 410 g per ton of coal; there are in PE-s
3 to 5% of pyridine and 25 to 30% of aniline and its homo-
logues. For the separation of PE-s from the fractions of

Card 1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3. - Treatment of
Solid Combustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12465.

Abstract : 70 to 225° of this tar, it is recommended first to separate phenol from the fraction up to 160°; it is found that PB-s can be extracted with pyrocatechin concentrate. Using the thermal disalkylation of separated PB-s, it is possible to produce PB-s boiling at temperatures above 160°, as well as to rise the yield of pyridine, β -picoline fraction and other bases boiling at temperatures under 160°, and to obtain 95 to 98% ual aniline; chinoline bases can be disalkylated similarly and the chinoline yield will be increased. The reaction with formaldehyde was studied with a view to the separation of the β -picoline fraction; it is shown that at 130 to 140° it is practically possible to convert δ -picoline into methylole bases, while 2,6-lutidine and α -picoline react only partly with formaldehyde.

Card 2/2

KUBICKA, R

Rudolf Kubicka and Zdenek Kvapil (Litvinov), "Ueber Extraktionen mit Brenzcatechinen und Resorcinen," Chemische Technik (Berlin), 9/11, November 1957, pp. 661-6.

Received on 18 July 1957.

The authors expressed their appreciation for help received from M. Zachrla, J. Boska, Ing. J. Sima, Ing. L. Sokol and Ing. Rabl.

KUBICKA, R

5(1)

PHASE I BOOK EXPLOITATION

GER/1560

Dierichs, Alfred and Rudolf Kubička.

Phenole und Basen; Vorkommen und Gewinnung) (Phenols and Bases;
Occurrence and Production Berlin, Akademie-Verlag, 1958.
472 p. No. of copies printed not given.

No additional contributors mentioned

PURPOSE: The book is intended for chemists and chemical engineers
concerned with the production of phenols and and pyridine bases.

COVERAGE: The book describes various methods for the production of
phenol and its homologs from benzene which may be obtained from
coal carbonization or cracked petroleum products. Waste water
from coal carbonization plants or from a low-carbonization process
in which lignite is converted to crude tar can also serve as a
source for the production of phenols. Methods of producing and

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GER/1560

Phenols and Bases (Cont.)

separating higher phenol homologs are discussed. The recovery of pyridine bases is adequately covered. No facilities are mentioned. There are 1424 references, of which 755 are English, 433 German, 45 Soviet, 108 French, 3 Italian, 22 Japanese, and 58 Czech.

TABLE OF CONTENTS:

Foreword

Properties and behavior of phenols and bases	1
Phenols	1
Pyridine bases	6

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Distr: 4E20(J)

7

~~/ Polarography of ferrocenemonaaldehyde. P. Vrblavský, R. Kubáček, and E. Šantavý (Palacký Univ., Olomouc, Czech). Chem. listy 82, 674 (1958). — Polarographic behavior of ferrocenemonaaldehyde was similar to that of aromatic aldehydes. In acid. solns. the substance gave a 1-electron reduction wave which was deformed by a preceding adsorption wave. At pH 0 a 2nd 1-electron reduction wave appeared. In neutral solns. both waves coincided and a 3-electron reduction wave was observed. The height of this last wave decreased with increasing pH value of the soln. The values of the corresponding half-wave potentials were -0.97 v. and -1.065 v. vs. standard calomel electrode and their shift was 61 mv./pH unit. E. Štácl~~

5
5-May
1

9c
111

JG

Distr: 4E3d

Partial dehydroxylation of multivalent phenols to univalent phenols. Rudolf Kubička, Czech. 90,334, May 15, 1969. The described method is carried out in a H atm. at around 350° in the presence of catalysts contg. NiS, CoS, MoS₂, or their mixts., preferably on alumina as carrier. When the pyrocatechols used do not contain NH₂ and org. N compds. and NiS is used on silica gel or alone, the reaction is influenced to yield partly cyclohexanone and its homologs. Detailed reaction conditions, compn. of the process materials, and analyses of the products are given in 5 examples.
L. J. Urbánek

7
3
1-99 (NB)
1

KUBICKA, Rudolf; KVAPIL, Zdenek; SYKORA, Milan

Pyrolysis of xylenols and tar fraction. Chem prum 12 no.11:598-601
N '62.

1. Chemické závody ČSSP, Zluzi.

KUBICKA, Rudolf

Selective hydrogenation of bivalent phenols and dealkylation of
alkyl phenols. Sbor pal vod VSChF Vol. 5:159-197 '61 [publ. '62].

KUBICKA, R.; VEPREK, J.

Production of fuel oils with small content of sulfur.
Pt. 2. Ropa a uhlie 6 no. 4: 116-119 Ap '64.

1. Chemické závody Československo-sovětského přátelství,
Zaluzi.

KUBICKA, Rudolf; VEPREK, Jaroslav

Production of fuel oils with lower content of sulfur.
Ropa a uhlie 7 no.2:48-52, 57 F '65.

KUBICKI, Bernard

Use of hypothermia and antibiotics in diffuse peritonitis
in rats. Pol. przegl. chir. 37 no.5:511-516 My '65.

1. Z II Kliniki Chirurgicznej Slaskiej AM w Zabrze (Kierownik:
prof. dr. J. Gasinski).

PETROPOULOS, Panos; KUBICKI, Bernard

Percapsular spontaneous rupture of the thyroid. Polski przegl.
chir. 28 no.6:593-596 June 56.

1. Z II Oddziału Chirurgicznego Szpitala Miejskiego Nr 4
Stalinogrod Ordynator: doc. dr. P. Petropoulos, Stalinogrod,
Spital Miejski nr 4, ul. Francuska.
(THYROID GLAND, rupture,
spontaneous percapsular (Pol))

KUBICKI, BERNARD

PETROPOULOS, Panos; KUBICKI, Bernard

Post-operative peptic ulcer after gastric resection and
gastro-duodenal anastomosis. Polski przegl. chir. 29 no.
3:203-208 Mar 57.

1. Z II Oddzialu Chirurgicznego Szpitala Miejskiego nr 4 w
Katowicach Ordynator: doc. dr. Petropoulos. Adres autora:
Katowice, Szpital Miejski nr 4.

(GASTRECTOMY,

Bilroth I, recur. of peptic ulcer 13 years after
operation (Pol))

KUBICKI, Bernard

Multichamber true cyst of the pancreas in a child. Polski przegl. chir. 33 no.3:257-261 '61.

1. Z II Oddziału Chirurgicznego Szpitala Miejskiego Nr 4 w Katowicach Ordynator: dr A. Broy.

(PANCREAS neopl) (CYSTS in inf & child)

KUBICKI, Edward; SZADOWSKI, Jerzy; WOJTKIEWICZ, Wincentry

Influence of the size of grains and other factors on the
condensation rate of cyanuric chloride with arylamines.
Chemia stosow 7 no.3:415-440 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz, i
Instytut Przemyslu Organicznego, Laboratorium, przy Politechnice,
Lodz.

KUBICKI, H.

"From a Sojourn in the USSR", p. 502, (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 10,
Oct. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EPAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

Wojcik, J.

"Fire Prevention Agencies in the Service of the Building Industry." p. 242, Warszawa, Vol. 25, no. 7, July 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

KUBICKI, Jan, mgr inz.; ZIELENIEWSKI, Stanislaw, mgr inz.

Calculation of deflections of ferroconcrete structures according to the newly drafted Soviet Standard SNiP II-V. 1-62 Ins i bud 20 no.3:92-97 Mr '63.

1. Instytut Techniki Budowlanej, Zakład Żelbetu i Betonu
Sprezowego, Warszawa.

LEWICKI, Bohdan, doc. dr.; KUBICKI, Jan, mgr inż.;

Calculation of deflections of reinforced concrete structures
under longlasting loads according to Professor I.I. Ulicki's
method. Inz i bud 20 no.11:434-440 N '63.

1. Instytut Techniki Budowlanej, Warszawa.

JANKOWSKI, Wladyslaw, mgr., inz.; KUBICKI, Jerzy, mgr., inz.; JANUSZEWICZ,
Krystyna, mgr., inz.; DOMANSKA, Hanna, mgr., inz.; SAWICKI, hipolit.,
mgr., inz.; GACIARZ, Kazimierz, mgr., inz.

A chemical combine for Turkey. Architektura Pol no.10:384-385 '61.

POLAND / Chemical Technology. Chemical Products and Their Applications. Fertilizers.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12404.

Author : Bobrownicki, Wlodzimierz; Kubicki, Josef; Schroeder, Jerzy; Slawski, Kazimierz.

Inst : Not given.

Title : Fused Magnesium-Sulfate-Phosphate.

Orig Pub: Chem. stosow., 1957, 1, No 1, 65-79.

Abstract: Conditions and a mechanism for obtaining fused Mg-phosphate are investigated. It was established that with fusing of apatite with $MgSO_4$, the reaction $Ca_3(PO_4)_2$ plus $3MgSO_4$ equals $Mg(PO_4)_2$ plus $3CaSO_4$ occurs on the whole, through which the $CaSO_4$ which is formed possesses a different degree of hydration. Simultaneously a physical process

Card 1/3

POLAND / Chemical Technology. Chemical Products and Their Applications. Fertilizers.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12404.

Abstract: of decomposition of the apatite occurs in a reaction product with the formation of a vitreous amorphous phase, which is easily soluble in 2% citric acid (I).

Devitrification of the product by heating to a softening temperature with subsequent slow cooling decreases its solubility in I and causes the appearance of apatite. The degree of P_2O_5 transfer into a form soluble in I depends not only on the ratio of $MgSO_4$:apatite, but also on the method of cooling. Products containing 20-24% P_2O_5 , soluble in I, are obtained by rapid cooling of the fusion at a 1150° temperature. The addition of some % of

Card 2/3

BOBROWNICKI, Włodzimierz; KUBICKI, Józef; SLAWSKI, Kazimierz

Decomposition of apatite in tri-magnesium phosphate. *Chemia stłscow* 3
no.3:353-360 '59.

1. Zakład Fizykochemicznych Podstaw Technologii, Instytut Chemii
Fizycznej, Polska Akademia Nauk, Wrocław i Katedra Technologii
Nieorganicznej, Politechnika, Wrocław.

SCHROEDER, Jerzy; KUBICKI, Jozef

Differential thermal analysis of rehenania phosphate. *Chemia stosow* 3
no.3:361-363 '59.

1. Zaklad Fizykochemicznych Podstaw Technologii, Instytut Chemii
Fizycznej, Polska Akademia Nauk, Wroclaw i Katedra Technologii
Nieorganicznej, Politechnika, Wroclaw.

BOBROWNICKI, Włodzimierz; KUBICKI, Józef; SCHROEDER, Jerzy

Communication on the results of basic studies on the preparation
of thermophosphate called superthomassine with small amount of soda.
Przem chem 41 no.3:143-144 Mr '62.

1. Katedra Technologii Nieorganicznej Politechniki Wrocławskiej

BOBROWNICKI, Włodzimierz; KUBICKI, Józef

Studies on the solubility of P_2O_5 of calcium-sodium phosphate in conventional solvents. *Przem chem* 41 no.6:303-305 Je '62.

1. Katedra Technologii Nieorganicznej, Politechnika, Wrocław i Pracownia nr. 3 Zakładu VII Instytutu Chemii Fizycznej, Polska Akademia Nauk, Wrocław.

BOBROWICKI, Włodzimierz; KUBICKI, Jozef

Studies on the preparation and structure of calcinated phosphate.
Pt. 1. Przem chem 41 no.12:699-702 D '62.

1. Katedra Technologii Nieorganicznej, Politechnika, Wrocław, 1
Pracownia nr. 3, VII Zakład Instytutu Chemii Fizycznej, Polska
Akademia Nauk, Wrocław.

KUBICKI, K.

"Planting Potatoes in Rectangular Hills and Cross Cultivating Them." p. 14
(Plon, Vol. 5, No. 4, Apr. 1954)

Vol. 3, No. 6

SO:Monthly List of East European Accessions,/Library of Congress, June, 1954, Incl.

POL. 2

Spacing of potatoes. M. Hisecki and K. Kubiński (*Roczn. Nauk Roln.*, 1954, 67, A, [2] 5-45).—Tests to determine the optimum spacing for potatoes on a variety of soil types are described. The starch content of the tubers was affected by both spacing and weather conditions. In general, starch content was correlated with yields. Average wt. per tuber and no. of tubers per plant increased with distance between plants. A. H. CORNFIELD.

BIRECKI, Mieczyslaw; KUBICKI, Kazimierz

The use of ionizing rays in the storage of potatoes. Postepy nauk
roln 6 no.6:3-38 N-D '59. (EEAI 9:7)
(Potatoes) (Radiation)

BIRECKI, Mieczyslaw; KUBICKI, Kazimierz

Influence of long-term vernalization and additional fertilization on the production value of seed potatoes. Rocznik nauki rolniczej 81 no.1:29-46 '60. (EEAI 9:10)

1. Zaklad Ziemiaka Instytutu Uprawy, Nawożenia i Gleboznawstwa.
(Poland--Potatoes)
(Poland--Fertilizers and manures)
(Vernalization)

KUBICKI, Kazimierz

Radioactive cobalt (^{60}Co) gamma rays as applied in potato storing.
Postepy nauk roln. 8 no.2:13-40 Mr-Apr '61.

1. Zaklad Ziemiaka, Instytut Uprawy Nawozenia i Gleboznawstwa, Pulawy.

KUBICKI, Kazimierz

Potato storage in Poland. Zesz probl post nauk roln no.42:
111-125 '63.

1. Zaklad Ziemiaka, Instytut Uorawy, Nawozenia i Gleboznawstwa,
Warszawa.

POLAND/Chemical Technology. Chemical Products and Their Applications. H
Ceramics. Glass. Binding Materials. Concrete.

Abstr Jour: Ref Zhur-Khim., No 8, 1959, 28350.

Author : Kubicki, R.

Inst :

Title : Grinding Characteristics of Raw Materials and Clinker in
Cement Manufacture.

Orig Pub: Cement, Wapno, Gips, 14, No 9, 189-197 (1958) (in Polish)

Abstract: The grinding characteristics of the raw materials used
in cement manufacture and those of the additives and of
the clinker have been investigated. The degree of fine-
ness achieved was measured with a laboratory mill ac-
cording to the method of V. V. Tovarov; the fineness
was characterized by the grinding coefficient (GC),
which expresses the ratio of the time required to grind

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POLAND/Chemical Technology. Chemical Products and Their Applications. Ceramics. Binding Materials. Glass. Concrete.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28350.

a standard sample to a given fineness (measured by the residue left on a screen with 4,900 openings per cm²) to the time required to grind the sample of the substance under test to the same fineness. The following GC values were obtained for the materials listed below: rotary kiln clinker 0.72-1.09; shaft kiln clinker 1.26; granulated blast furnace slag 0.72-0.98; chalk (dry grinding) 2.0; lime and marl (dry grinding) 1.08-1.97; pulverized coal 1.0. The grinding characteristics of the clinker depend on its porosity and grain size, while those of the slag depend on the bulk density. -- D. Lewan.

Card : 2/2

POLAND / Chemical Technology. Chemical Products and H
Their Application. Ceramics. Glass. Bind-
ing Materials. Concrete.

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43173.

Author : Kubicki R.

Inst : Not given.

Title : Vibro-Grinding and its Application in the Industry
of Structural Materials.

Orig Pub: Cement. Wapno. Grips, 1958, 14, No 11, 244-249.

Abstract: No abstract.

Card 1/1

COUNTRY : Poland
CATEGOR : :

AUTH. JOUR. : RZKmin., No. 15, 1959, 10.

AUTHOR : Kuticki, R.
TITLE : Not Given

ABSTRACT : The Effect of Clinker Quality and Shute on the Strength of Blast Furnace Slag Portland Cement

ORIG. PUBL. : Cement-Tekhnologiya, 15, No. 15, 1959

RETRAD. : In order to investigate the suitability of various Polish clinkers for the production of blast furnace slag portland cement (BFSPC), the author has tested clinker specimens from 12 cement factories and granulated blast furnace slag specimens from two metallurgical plants. The clinker and the slag were ground separately. The fineness of grinding of the clinker (with gypsum added) was characterized by a 2-10% residue on a sieve with 4,000 openings per cm²; the fineness of grinding

ORIG: 145

329

COUNTRY : Poland
 CATEGORY : H-13
 ABS. JOUR. : RZKhim., No. 16 1959, No. 57908
 AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : of the slag was characterized by a 1.5% residue on the same sieve. The BFSPC specimens contained 20-70% slag. The suitability of the clinker for the production of BFSPC was determined on the basis of a 'strength index' W for the cement mortars, defined as the ratio of the strength of the cement with slag added to the strength of the cement without the addition of slag. The 7-day value of W in flexural strength tests was found to be most characteristic for all clinkers. The

CARD: 2/3

COUNTRY : Poland
 CATEGORY : H-13
 ABS. JOUR. : RZKhim., No. 16 1959, No. 57908
 AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : smallest reduction of the 7-day value of W in flexural strength tests was recorded for cement mortars prepared from BFSPC formulated on the basis of three clinkers having the following design contents of C, S and C, A: 65 and 16%, 68 and 16%, and 65 and 10%, respectively.
 E. Levman

CARD: 3/3

KUBICKI, Roman, inz.; PERSCHKE, Jerzy, inz.; DOB SZ, Stanislaw, inz.;
WECLAWIK, Marian, inz.; MIELNICZUK, Mieczyslaw; BRODECKI,
Boleslaw

Two-sided raw material feeding of rotational clinker burning
furnaces. Gosp paliw 11 Special issue no.(95):11 Ja '63.

1. Cementownia, Chelm.

KUBICKI, S.

Function tests of the liver with vitamin K. Polski tygod.lek.
5 no.2:49-59 9 Ja '50. (CML 19:2)

1. Of the Second Clinic of Internal Diseases, Poznan University,
(Director -- Prof. Jan Roguski, M.D.).

KUBICKI, S.

Clinical evaluation of liver biopsy. Polski tygod. lek.
6 nos. 13-14:507-513 2 Apr 1951. (CLML 20:11)

1. Of the Second Clinic of Internal Diseases (Director
Prof. Jan Roguski, M.D.) of Poznan Medical Academy.

KUBICKI, S.

Infectious jaundice (Botkin's disease) in the works of Soviet
scientists. Polski tygod. lek. 7 no. 47:1571-1574 24 Nov 1952.
(CJML 24:1)

1. Of the Second Internal Clinic (Head--Prof. Jan Hoguski, M.D.)
of Poznan Medical Academy.

~~KUBICKI, S.~~

Therapeutic value of vitamin B12 produced at the Institute of Technology
of the Agricultural University of Posnan. Polski tygod. lek. 8 no.22:77'-
780 1 June 1953. (CML 25:1)

1. Of the Second Internal Clinic (Head--Prof. J. Roguski, M.D.) of Posnan
Medical Academy.

KUBICKI, Stefan

Etiology of acute hepatitis. Polskie arch. med. wewnetrz. 24 no.2:
213-224 1954.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Poznaniu.
Kierownik: prof. dr J. Roguski.
(HEPATITIS, etiology and pathogenesis.)